

# ASSIGNMENT-4 [STRINGS IN PYTHON]

```
1.def pangram(n):  
    for x in range(26):  
        if chr(x+97) not in n:  
            return False  
        else:  
            return True  
n = "The quick brown fox jumps over a lazy dog"  
if pangram(n):  
    print(True)  
else:  
    print(False)
```

Output :

```
Python 3.10.1 (tags/v3.10.1.200200a, Dec  8 2021, 19.10  
:37) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for  
more information.  
>>> ===== RESTART: E:\125003344\EXERCISE 4\1.py =====  
True  
>>> |
```

```
2. def hype(n):  
    lst=n.split('-')  
    lst.sort()  
    return '-'.join(lst)  
print(hype("Here-is-the-Great-Wall-of-China"))
```

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OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\125003344\EXERCISE 4\2.py =====
China-Great-Here-Wall-is-of-the
>>>
```

```
3.def secen(lst1,lst2,lst3):
    for x in lst1:
        for y in lst2:
            for z in lst3:
                print(x,y,z)
secen(['I', 'We'],['want', 'create'],['justice', 'peace'])
```

OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
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>>>
===== RESTART: E:\125003344\EXERCISE 4\3.py =====
I want justice
I want peace
I create justice
I create peace
We want justice
We want peace
We create justice
We create peace
>>>
```

```
4. def fm(a):
    length=len(a)
    print(a[0],a[length//2],a[-1],sep="")
fm("james")
```

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OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
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>>>
===== RESTART: E:\125003344\EXERCISE 4\4.py =====
jms
>>>|
```

```
5. def mid(a):
    length=len(a)
    print(a[length//2-1],a[length//2],a[length//2+1],sep="")
mid("cricket")
```

OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\125003344\EXERCISE 4\5.py =====
ick
>>>|
```

```
6.x=input("ENTER STRING : ")
a=len(x)
print(a)
```

OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\125003344\EXERCISE 4\6.py =====
ENTER STRING : srman
6
>>>|
```

# ASSIGNMENT-4 [STRINGS IN PYTHON]

```
7. def st(str):  
    if len(str) < 2:  
        return "  
  
    return str[0:2] + str[-2:]
```

```
print(st('SRIMAN'))  
print(st('SR'))  
print(st('S'))
```

## OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>  
===== RESTART: E:\125003344\EXERCISE 4\7.py =====  
SRAN  
SRSR  
>>>
```

```
8. def chng(a):  
    if(a[-3]=="ing"):  
        a+="ly"  
    else:  
        if(len(a)>3):  
            a+="ing"  
    return a  
print(chng("struing"))
```

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## OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\125003344\EXERCISE 4\8.py =====
struinging
>>>|
```

```
9.def up(a):
    print(a.upper())
    print(a.lower())
    return a
(up("sriman"))
```

## OUTPUT :

```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\125003344\EXERCISE 4\9.py =====
SRIMAN
sriman
>>>|
```

```
10. def match_words(words):
    ctr = 0
```

```
    for word in words:
        if len(word) > 1 and word[0] == word[-1]:
            ctr += 1
    return ctr
```

```
print(match_words(['sriman', 'isa', 'good', '1221']))
```

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## OUTPUT:

```
>>> Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> ===== RESTART: E:\125003344\EXERCISE 4\10.py =====
1
>>>
```